

### **IN THE CLAIMS**

Please amend the claims as follows.

1. (Currently Amended) A sound generation device comprising:  
an audio source to generate an audio signal;  
a frequency modulation (FM) radio frequency (RF) transmitter, coupled to the audio source, to transmit an FM [[RF]] carrier signal modulated with the audio signal, the FM [[RF]] carrier signal having a specific carrier frequency within the range of 87.7 to 107.9 megahertz that does not interfere with transmission frequencies in a commercial FM broadcast band of 87.7 to 107.9 megahertz in a geographical region in which the sound generation device is currently located; and  
a channel locator controller to identify a non-interfering ~~an optimum~~ carrier frequency, wherein the channel locator controller includes  
a stored program digital computer, the computer to store a database of non-interfering ~~optimum~~ carrier frequencies arranged by geolocation; and  
a geolocation source coupled to the stored program digital computer to provide a geolocation to the stored program digital computer.
2. (Previously Presented) The sound generation device recited in claim 1, wherein the geolocation source comprises a table stored in one of a programmable read only memory (PROM) device, a cellular phone, a cellular switching center, and an Internet site.
3. (Currently Amended) The sound generation device recited in claim 1, wherein the channel locator controller further comprises:  
an out-of-band transmitter to transmit a channel selection signal comprising an optimum non-interfering carrier frequency.

4. (Previously Presented) The sound generation device recited in claim 1, wherein the geoposition source comprises one of a cellular phone, a GPS (global position system) receiver, a geoposition programming device, a data entry device, and a programmable read only memory.

5. (Currently Amended) The sound generation device recited in claim 1, wherein the sound generation device further comprises:

a channel selection circuit, coupled to the RF transmitter, to select an optimum non-interfering carrier frequency on which to transmit the FM [[RF]] carrier signal.

6. (Previously Presented) The sound generation device recited in claim 1, wherein the sound generation device comprises one of an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.

7-33. (Canceled)

34. (Currently Amended) A sound generation device comprising:

an audio source to generate an audio signal;

a frequency modulation (FM) radio frequency (RF) transmitter, coupled to the audio source, to transmit an FM [[RF]] carrier signal modulated with the audio signal, the FM [[RF]] carrier signal having a specific carrier frequency within the range of 87.7 to 107.9 megahertz that does not interfere with transmission frequencies in a commercial FM broadcast band of 87.7 to 107.9 megahertz in a geographical region in which the sound generation device is currently located;

a channel locator controller to identify an available non-interfering carrier frequency, wherein the channel locator controller includes

an RF receiver, coupled to the RF transmitter, to receive FM [[RF]] signals having different carrier frequencies; and

a channel locator circuit, coupled to the RF receiver, to identify a non-interfering FM carrier frequency in the form of an FM carrier frequency below a minimum signal strength; and

an out-of-band transmitter to transmit a channel selection signal comprising an available carrier frequency.

35. (Currently Amended) The sound generation device recited in claim 34, wherein the sound generation device further comprises:

a channel selection circuit, coupled to the RF transmitter, to select the available carrier frequency on which to transmit the FM [[RF]] carrier signal.

36. (Currently Amended) The sound generation device recited in claim 34, wherein the sound generation device comprises one of an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital music player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.

37. (Currently Amended) A sound generation device comprising:

an audio source to generate an audio signal;

a frequency modulation (FM) radio frequency (RF) transmitter, coupled to the audio source, to transmit an FM [[RF]] carrier signal modulated with the audio signal, the FM [[RF]] carrier signal having a specific carrier frequency within the range of 87.7 to 107.9 megahertz that does not interfere with transmission frequencies in a commercial FM broadcast band of 87.7 to 107.9 megahertz in a geographical region in which the sound generation device is currently located; and

a channel locator controller to identify an available non-interfering carrier frequency, wherein the channel locator controller includes

a stored program digital computer, the computer to store a database of available non-interfering carrier frequencies arranged by geoposition; and

a geoposition source coupled to the stored program digital computer to provide a geoposition to the stored program digital computer.

38. (Previously Presented) The sound generation device recited in claim 37, wherein the geoposition source comprises one of a cellular phone, a GPS (global position system) receiver, a geoposition programming device, a data entry device, and a programmable read only memory.

39. (Currently Amended) The sound generation device recited in claim 37, wherein the sound generation device further comprises:

a channel selection circuit, coupled to the RF transmitter, to select an available carrier frequency on which to transmit the FM [[RF]] carrier signal.

40. (Currently Amended) The sound generation device recited in claim 37, wherein the sound generation device comprises one of an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital music player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.

41. (New) A portable electronic device comprising:  
a geoposition source;  
an audio source coupled with the geoposition source to generate an audio signal;  
a frequency modulation (FM) radio frequency (RF) transmitter, coupled to the audio source, to transmit an FM carrier signal modulated with the audio signal; and  
a channel locator controller to identify an available non-interfering carrier frequency for the FM carrier signal having a specific carrier frequency within the range of 87.7 to 107.9 megahertz that does not interfere with transmission frequencies in a commercial FM broadcast band of 87.7 to 107.9 megahertz in a geographical region in which the portable electronic device is currently located.
42. (New) The device recited in claim 41, wherein the channel locator controller includes:  
a stored program digital computer, the computer to store a database of available non-interfering carrier frequencies arranged by geoposition.
43. (New) The device recited in claim 42, wherein the geoposition source is coupled to the stored program digital computer to provide a geoposition to the stored program digital computer.
44. (New) The device recited in claim 42, wherein the channel locator controller is configured to identify a selected non-interfering carrier frequency from two or more available frequencies stored in the database based on an evaluation of the two or more available frequencies.
45. (New) The device recited in claim 41, wherein the audio source comprises prerecorded audio source material.
46. (New) The device recited in claim 41, wherein the audio source comprises a digital music player.